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|------|--------|-------|---------------|-------------|
| Dist | COUNTY | ROUTE | POST MILES | SHEET TOTAL |
| | | | TOTAL PROJECT | NO. SHEETS |

REGISTERED CIVIL ENGINEER

May 31, 2018

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

BRUCE D. SWANGER
No. C61257
Exp. 6-30-19
CIVIL
STATE OF CALIFORNIA

NOTES:

- See Quantity Sheets for discharge capacity requirements.
- Discharge capacity (cfs) at point A must be equivalent to maximum channel discharge capacity of grated line drain at point B.
- Contractor to field verify minimum depth to avoid conflict with inlet top.
- Gate patterns may vary from details shown. See special provisions.
- See Standard Plan D986 for 4" polymer concrete grated line details.
- Within PCC pavement, a 0.5" isolation joint must be made between pavement and concrete backfill. See isolation joint details on Standard Plans P45 and P46.
- Bottom row of dowels to match inlet connection slope with 2" Min clear to inside of box. Place other dowels normal to inlet wall with 1/2" Min clear to inside of box. (When T = 6" use 4/2" Min embed)
- Channel section shape and frame and grate configuration may vary.
- Nominal dimensions shown. Allowable tolerances $\pm 2\%$.
- 3/8" maximum gap between adjacent grates.
- Minimum channel width must be equal or greater than maximum channel width of grated line drain section.
- See Standard Plan D981 for Section C-C and Section F-F.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**GRATED LINE DRAIN DETAILS No. 2
- INLET CONNECTION DETAILS
(ALL TYPES EXCEPT 4" NOMINAL
WIDTH POLYMER CONCRETE)**

NO SCALE

D98H